

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Amended) A handling method for providing a client with [the] a location estimate of a target User Equipment (UE), the method comprising the steps of:

~~A- sending to the client, from The~~ a LCS (location service) system, ~~sending to the client the a~~ Location Information message carrying the location estimate of the target UE; and

~~B- after receiving the Location Information message, The the client, handling attempting to process the location estimate of the target UE, and sending to the LCS system a Location Information Acknowledgement message with a handling result wherein (a) if the client is unable to process the location estimate of the target UE, the Location Information Acknowledgement message includes a cause of failure, and (b) if the client is able to process the location estimate of the target UE, the Location Information Acknowledgement message includes an indication that the location estimate of the target UE has been processed successfully.~~

2. (Amended) A method according to Claim 1, further comprising before the ~~step A~~ sending a Location Information message to the client :

~~a requester~~ originating a LCS location request against a the target UE to the LCS system and requesting the LCS system to provide the location estimate of the target UE to a client by a requester; and ~~a location estimate of the target UE was successfully obtained~~ obtaining the location estimate of the target UE by the LCS system.

3. (Amended) A method according to Claim ~~1~~2, further comprising ~~after the step B:~~

~~C- the LCS system, after receiving the Location Information Acknowledgement with the handling result by the LCS system, sending to the requester an LCS Location Response carrying the handling result.~~

4. (Amended) A method according to Claim 3, wherein the ~~step C- sending to the requester an LCS Location Response includes~~ comprises the steps of:

~~After receiving the Location Information Acknowledgement with the handling result, a GMLC (gateway mobile location center) in the LCS system sending to CN (Core Network) in~~

~~the LCS system~~ a Subscriber Location Report Acknowledgment, ~~which carrying the handling result wherein if the Location Information Acknowledgement message includes the cause of failure, the Subscriber Location Report Acknowledgment includes the cause of failure, and if the Location Information Acknowledgement message includes the indication that the location estimate of the target UE has been processed successfully, the Subscriber Location Report Acknowledgment includes the indication that the location estimate of the target UE has been processed successfully;~~

~~C2. After~~ after receiving the Subscriber Location Report Acknowledgment, ~~the CN~~ sending to the requestor an LCS Location Response ~~carrying the handling result wherein if the Subscriber Location Report Acknowledgment includes the cause of failure, the LCS Location Response includes the cause of failure, and if the Subscriber Location Report Acknowledgment includes the indication that the location estimate of the target UE has been processed successfully, the LCS Location Response includes the indication that the location estimate of the target UE has been processed successfully.~~

5. (cancelled)

6. (Amended) A method according to Claim 5~~1~~, further comprising, ~~before the step B before prior to sending to the LCS system a Location Information Acknowledgement, GMLC in the LCS system sending to the CN in the LCS system the a~~ Subscriber Location Report Acknowledgement.

7-15. (cancelled)

16. (New) A method according to claim 1, wherein the indication that the location estimate of the target UE has been processed successfully comprises: a flag of successful handling or an absence of any processing status parameter.

17. (New) A method of processing location information of a target User Equipment (UE), comprising the steps of:

receiving at a client a Location Information message including a location estimate of a target UE; and

after receiving the Location Information message, the client attempting to process the location estimate of the target UE, and generating a Location Information Acknowledgement message, wherein (a) if the client is unable to process the location estimate of the target UE, the

Location Information Acknowledgement message includes a cause of failure, and (b) if the client is able to process the location estimate of the target UE, the Location Information Acknowledgement message includes an indication that the location estimate of the target UE has been processed successfully.

18. (New) A method according to claim 17, wherein the indication that the location estimate of the target UE has been processed successfully comprises: a flag of successful handling or an absence of any processing status parameter.

19. (New) A method according to claim 17, further comprising: sending the Location Information Acknowledgement message to a LCS (location service) system.